Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

1.943
F116
eserve

U.S. Department of Agriculture • Foreign Agricultural Service • Washington, D.C.

foreign agriculture circular

FLM 12-76
August 1976

WORLD TALLOW AND GREASE OUTPUT AND TRADE DECLINED IN 1975

A sharp drop in U.S. production, with a resulting decline in exports, caused both world production and trade in tallow and greases during 1975 to decline significantly from levels of the previous year. Current prospects for 1976 indicate small gains in both world production and trade over last year's totals.

Production

Output of tallow and greases in the major producing countries dropped to 4,599,000 tons[1] during 1975 from the 1974 level of 4,955,000 tons. Although this represents a decline of 7 percent, the absolute level of production was equal to that of the early 1970's.

The drop in U.S. production more than offset recovery in Oceania and continued annual gains in Asia, Eastern Europe, and South America. Output in Western Europe and the USSR dropped slightly in 1975 after showing steady annual gains since 1972 and 1970, respectively.

North America. Production dropped to 2,645,000 tons from 3,072,000 in 1974. The United States accounted for most of the area's decline. A small reduction was recorded again in Canada. Output in the United States, at 2,410,000 tons, was down 15 percent from the 1974 figure of 2,830,000 tons, but was almost identical to the 2,412,000 tons produced in 1973. The lower slaughter weights of cattle caused the reduction in tallow yields per animal last year and—along with the continued decline in hog slaughter—resulted in a further drop in grease output.

South America. Production of tallow and grease has continued upward since 1971. Output last year totaled 287,000 tons, compared with 258,000 tons in 1974 and 266,000 tons in 1971. All producers in this area recorded gains from 1974 levels with Argentina and Brazil showing the largest absolute increases.

Europe. Production of tallow and grease in Western Europe declined slightly to 800,000 tons from the 811,000 tons produced in 1974. Output in the European Community (EC) dropped 2 percent to 723,000 tons. Declines in France, Italy, West Germany, and Belgium offset gains in the United Kingdom, Ireland, and the Netherlands. For most of the remaining countries in Western Europe, small decreases were recorded except for Portugal and Spain, which showed gains of 6 percent each.

Output in Eastern Europe, excluding the USSR, rose to 111,000 tons from 109,000 tons in 1974. All countries in this region except Bulgaria and Yugoslavia made gains. The reduction in cattle slaughter in the USSR caused output of tallow to drop to 345,000 tons from the 365,000 tons produced in 1974.

Oceania. Production of tallow and grease in Oceania during 1975 was up 22 percent from the 1974 level. Output in Australia rose to 253,000 tons from 198,000 tons in 1974 because of a return to a more normal slaughter rate. Production in New Zealand showed only a 9,000-ton gain over the 1974 figure of 97,000 tons.

Outlook. World tallow and grease production in 1976 is expected to show a small gain. Increases in North America, South America, and Oceania are expected to offset declines in Europe and Asia. The severity of the drought in Europe will have a definite impact on the level of tallow output through lower yields per animal and the level of distress slaughterings. The EC and governments of EC countries have implemented various aid measures that may temper distress slaughtering. However, panic slaughtering could have a long-term impact on production of tallow through reduced slaughter in the future. In the USSR, the fat content in processed meats has been increased, and this move could reduce the output of tallow in that country.

[1] All tons are metric.

Trade

Trade patterns in tallow and greases have altered slightly since 1970, but not as dramatically as those for lard. Intra-trading between the member countries of the EC has increased to the detriment of trade with third countries, especially imports. This growth in internal trading followed the emergence of the EC-6 and then the EC-9. The growth in the EC's intratrade has risen from about 100,000 tons in 1972 to almost 140,000 tons in 1975. As a percentage of total world gross trade, these shipments rose to 9 percent in 1975 from 6 percent in 1972 and accounted for almost 50 percent of the EC's gross trade in 1975, compared with slightly over 40 percent in 1972.

World Exports Down Sharply in 1975. Direct export of tallow and greases to third countries by the world's principal producer-exporters dropped to 1,298,000 tons in 1975 from 1,531,000 tons in 1974. The United States accounted for the decline. Small gains were recorded for the EC, Australia, New Zealand, Austria, and Switzerland. However, the United States retained its position as the world's largest exporter, followed by Australia, Canada, New Zealand and the EC. These five major producer-exporters accounted for 98 percent of total world direct exports last year. In addition to the world's direct exports, intrashipments between the member countries of the EC totaled 139,000 tons in 1975 compared with 113,000 tons in 1974.

United States. Exports last year totaled 891,000 tons, 23 percent below the 1974 level of 1,162,000 tons and the smallest since 1969. Also, the U.S. share of world gross trade (direct plus intrashipments) last year dropped to 62 percent compared with 71 percent in 1974 and 66 percent in 1973.

The major markets for U.S. tallow and greases are Japan, Egypt, South Korea, Pakistan, India, the EC, Brazil, Spain, Colombia, and Mexico. The availability of funding under various types of governmental programs, such as P.L. 480 and AID financing determines the level of shipments going to most countries in Asia, Africa, and South America. The shipment of 40,000 tons to the USSR last year was the first since 1966. However, there was no trade to that destination during the first 6 months of 1976.

A new voluntary export certification program for tallow went into effect on January 5, 1976. Under the new program, exporters may guarantee that the inedible tallow was rendered under the Federal meat inspection program. The change was made in response to requirements in some foreign countries regarding the source of raw materials used in rendering animal fats purchased abroad. The new program should aid exports through the recognition of the better U.S. grades of tallow and grease.

Australia. Shipments rose to 156,000 tons in 1975 from 145,000 tons in 1974, but were still considerably below the 1972 high of 217,000 tons. Increased shipments to the EC, the Republic of South Africa, and the People's Republic of China (PRC) offset the sharp decline in exports to Japan, formerly Australia's major foreign market. Exports to Japan have declined steadily from the 1972 high of 73,000 tons to 17,000 tons in 1975, but recovered somewhat in early 1976.

Canadian exports of tallow and grease at 98,000 tons in 1975 showed little change from the previous year's shipments. Principal foreign markets included the EC, South Korea, the United States, and Japan. Exports to Japan dropped steadily to 10,400 tons in 1975 from the 1972 high of 28,400 tons. Canada last year also made a small shipment of 3,800 tons to the USSR, and almost 14,000 tons were exported annually to Cuba during the past 2 years.

New Zealand's exports rose to 67,000 tons from 59,000 tons in 1974. No breakdown by country of destination is available for 1975 but based on earlier data, the principal foreign markets were the EC, Japan, and the PRC.

European Community. Direct shipments to third countries totaled 57,000 tons in 1975, compared with 35,000 tons in 1974. The principal foreign markets were Spain, Egypt, and Turkey.

World Imports Up a Little in 1975. Direct imports from third countries totaled 1,415,000 tons, compared with 1,399,000 tons in 1974. In addition, intratrade between member countries of the EC amounted to 136,000 tons—up slightly from the 133,000 tons shipped in 1974.

The EC as a unit continues to be the world's largest direct importer of tallow and greases. Japan ranks second, followed by South Korea, Egypt, Taiwan, Spain, Brazil, USSR, Pakistan, and South Africa. These 10 areas accounted for 68 percent of total world imports in 1975.

The EC's direct imports totaled 228,000 tons in 1975, compared with 306,000 tons in 1974. Smaller takings from the United States, New Zealand, Canada, and Hungary accounted for most of the decline. Imports from the United States dropped to 115,000 tons from 190,000 tons in 1974. The U.S. share of the EC market last year amounted to only 50 percent, in contrast to 62 percent in 1974. The EC introduced new tariff specifications for tallow on August 1, 1976. This move apparently will resolve the problems that have confronted exports in recent years. The new EC product specifications for tallow closely resemble U.S. standards.

Japan's imports declined for the second consecutive year from the 1973 high of 293,000 tons to 193,000 tons in 1974 and to 185,000 tons in 1975. Smaller takings from the United States accounted for most of the decline. Imports from the United States last year totaled only 71,000 tons, compared with 151,000 tons in 1974 and 195,000 tons in 1973. Imports from Canada followed a similar pattern. However, imports from both Australia and New Zealand during 1975 increased significantly from the abnormally low levels of 1974. A resurgence in demand for tallow used

in the manufacture of soaps, hardened oils, and fatty acids has been forecast by the Ministry of International Trade (MITI). The 1976 forecasts indicate a 7 percent rise in soap output, almost a 12 percent gain in hardened oils, and a 11 percent increase in fatty acids. For these production increases to materialize, MITI will have to step up its purchases.

South Korea's imports last year set a new record of 105,000 tons, compared with the previous high of 96,000 tons in 1974. Larger imports from Canada and Australia offset reduced takings from the United States. Imports from the United States dropped to 85,000 tons from the 1974 high of 92,000 tons.

Egypt's imports dropped to 102,000 tons from 112,000 tons in 1974. Import data by country of origin is not available for 1975, but based on export data, larger purchases from the United States were made in 1975 than in 1974.

Taiwan. Imports of tallow and greases during 1975 set a new high of 66,000 tons. The United States continues to be the principal supplier, accounting for about half of Taiwan's total imports. Other suppliers that increased their annual shipments include Australia, New Zealand, and Japan.

Spain's imports rose to 78,000 tons in 1975 from 35,000 tons in 1974. Imports from the United States recovered somewhat from the abnormally low level of 31,000 tons in 1974 and amounted to 51,000 tons in 1975—still considerably below the 1972 level of 86,000 tons. During recent years, larger imports from the EC and Canada have supplanted some imports from the United States.

Other importing countries, such as **Brazil**, **Colombia**, **Mexico**, **Pakistan**, **India**, and **Bangladesh**, depend upon the United States as their principal foreign supplier of tallow and greases. Their purchases are often obtained under various types of government-assisted programs.

Outlook. World trade (direct trade plus EC intratrade) in tallow and greases may show a smaller gain than previously anticipated in 1976 because of the slower pace in economic recovery overseas and increasing competition from coconut and palm kernel oils. Market prices are likely to come under considerable pressure as the accumulated levels of stocks rises in the major producing-exporting countries. Additional market pressures may result from the EC proposal for an import tax on vegetable oils and fats.

TABLE 1--TALLOW AND GREASES: 1/ PRODUCTION IN SPECIFIED COUNTRIES, AVERAGE 1966-70, ANNUAL 1971-75

IN THOUSANDS OF METRIC TONS

REGION AND COUNTRY	AVERAGE 1966-70	1971	1972	1973	1974	1975 2/
NORTH AMERICA:						
CANADA	141.5	199.6	204.4	204.5	199.6	191.4
MEXICO	20.0	21.2	21.4	25.0	27.3	27.7
UNITED STATES	2,387.2	2,609.1	2,549.6	2,412.2	2,830.4	2,410.4
OTHER	10.8	13.4	15.4	14.8	14.5	15.9
TOTAL	2,559.4	2,843.3	2,790.9	2,656.5	3,071.8	2,645.4
SOUTH AMERICA:						
ARGENTINA	138.9	128.9	137.6	128.9	128.7	145.0
BRAZIL	64.0	70.5	73.0	75.0	62.5	69.2
CHILE	9.4	8.9	6.7	5.1	9.6	11.0
COLOMBIA	18.6	23.8	22.0	19.7	19.8	20.9
PERU	5.8	6.3	5.5	5.2	5.2	5.3
URUGUAY	17.3	16.8	16.7	12.9	19.6	22.1
VENEZUELA	9.7	10.9	11.1	11.7	12.2	13.0
TOTAL	263.7	266.1	272.6	258.5	257.6	286.5
EUROPE:						
WESTERN:						
EC:						
BELGIUM-LUXEMBOURG	21.2	23.7	22.7	23.0	27.0	26.4
DENMARK	53.7	61.0	63.3	65.8	59.6	58.3
FRANCE	125.6	143.0	147.8	156.8	178.6	169.2
GERMANY, WEST	107.2	161.0	135.0	135.0	150.0	144.0
IRELAND	11.9	17.1	16.7	19.1	22.1	23.3
ITALY	62.1	66.3	63.8	98.6	93.7	81.5
NETHERLANDS	29.0	33.2	32.6	33.9	42.2	43.6
UNITED KINGDOM	144.6	147.3	138.2	132.1	162.6	177.0
TOTAL EC	555.3	652.6	620.1	664.3	735.8	723.3
AUSTRIA	6.7	6.6	6.5	6.6	7.9	7.8
FINLAND	2.3	2.6	2.5	2.3	2.7	2.7
NORWAY	1.4	1.3	1.3	1.4	1.6	1.5
PORTUGAL	6.0	8.5	9.2	11.7	10.0	10.6
SPAIN	19.6	23.8	22.8	26.5	29.1	30.8
SWEDEN	10.4	8.8	7.6	7.7	8.8	8.7
SWITZERLAND	8.5	10.1	9.2	14.1	15.3	14.3
TOTAL WESTERN	610.1	714.4	679.1	734.4	811.1	799.7
EASTERN:						
BULGARIA	9.1	8.8	9.2	9.8	9.4	8.2
CZECHOSLOVAKIA	14.0	15.0	15.2	16.1	17.1	17.4
GERMANY, EAST	14.5	15.2	15.9	16.7	17.7	18.6
HUNGARY	6.3	6.4	5.7	6.5	7.9	8.8
POLAND	27.6	28.5	27.3	29.1	36.9	38.8
YUGOSLAVIA	17.1	17.9	16.0	18.5	20.0	19.2
TOTAL EASTERN	88.6	91.7	89.3	96.6	109.1	111.1
TOTAL EUROPE	698.7	806.1	768.4	831.0	920.1	910.8
U.S.S.R.	288.3	304.7	309.9	318.4	364.9	344.5
AFRICA:						
SOUTH AFRICA, REP. OF	6.2	7.5	7.6	6.6	5.8	6.1
TOTAL	6.2	7.5	7.6	6.6	5.8	6.1
ASIA:						
CHINA, REP. OF (TAIWAN)	.4	.4	.3	.3	.3	.1
IRAN	15.9	15.6	18.0	18.9	19.1	23.5
ISRAEL	1.0	1.1	1.1	1.2	1.3	1.3
JAPAN	7.5	10.7	11.3	8.7	11.1	12.9
PHILIPPINES	.6	.7	.7	1.4	1.3	1.3
TURKEY	6.0	6.2	5.4	5.7	6.8	7.6
TOTAL	31.5	34.8	36.9	36.2	39.8	46.6
OCEANIA:						
AUSTRALIA	182.7	213.3	244.4	247.7	197.8	252.8
NEW ZEALAND	84.1	92.1	95.5	98.5	96.9	105.9
TOTAL	266.8	305.4	339.9	346.2	294.7	358.7
TOTAL SELECTED COUNTRIES	4,114.6	4,568.0	4,526.1	4,453.4	4,954.8	4,598.6

1/ INCLUDES EDIBLE AND INEDIBLE TALLOW AND GREASES.
2/ PRELIMINARY.

FOREIGN AGRICULTURAL SERVICE. PREPARED OR ESTIMATED ON THE BASIS OF OFFICIAL STATISTICS OF FOREIGN GOVERNMENTS, OTHER FOREIGN SOURCE MATERIALS, REPORTS OF U.S. AGRICULTURAL ATTACHES AND FOREIGN SERVICE OFFICERS, RESULTS OF OFFICE RESEARCH AND RELATED INFORMATION.

TABLE 2--TALLOW AND GREASES: [1/] PRODUCTION AND EXPORTS, WORLD AND U.S., ANNUAL 1972-75
(Thousand Metric Tons)

Year	World		United States			
					Exports as percent of	
	Production	Exports	Production	Exports	World exports	U.S. production
Annual:						
1972	4,526.1	1,614.9	2,549.6	1,038.5	64.3	40.7
1973	4,453.4	1,536.0	2,412.2	1,014.1	66.0	42.0
1974	4,954.8	1,644.1	2,830.4	1,162.4	70.7	41.1
1975 [2/]	4,598.6	1,437.0	2,410.4	891.0	62.0	37.0

1/ Includes edible and inedible tallow and hog greases. 2/ Preliminary.

TABLE 3--TALLOW AND GREASES: U.S. EXPORTS
ANNUAL 1972-75
(Thousand Metric Tons)

Commodity	1972	1973	1974	1975 1/
Edible tallow	5.6	7.4	24.1	1.0
Inedible tallow	993.0	981.2	1,098.2	840.9
Choice white greases	39.8	25.4	40.1	49.2
Total 2/	1,038.5	1,014.1	1,162.4	891.0

1/ Preliminary. 2/ May not add due to rounding.

TABLE 4--TALLOW AND GREASES : INTERNATIONAL TRADE IN SELECTED COUNTRIES, AVERAGE 1967-71, ANNUAL 1972-75

IN THOUSANDS OF METRIC TONS

CONTINENT AND COUNTRY	AVERAGE 1967-71		1972		1973		1974		1975 1/	
	EXPORTS	IMPORTS	EXPORTS	IMPORTS	EXPORTS	IMPORTS	EXPORTS	IMPORTS	EXPORTS	IMPORTS
NORTH AMERICA:										
CANADA	78.1	7.9	104.1	8.4	81.9	2.8	98.7	3.5	97.9	1.7
COSTA RICA	.1	.3	.1	.2	1.3	.6	---	.8	---	2/.6
DOMINICAN REP	---	8.1	---	2/8.7	---	2/10.8	---	2/9.1	---	2/ 10.3
EL SALVADOR	---	10.7	---	11.8	---	4.8	---	6.3	---	12.0
GUATEMALA	.6	14.5	.1	11.1	---	6.4	---	8.1	---	7.6
HAITI 2/	---	6.4	---	8.8	---	7.0	---	8.8	---	7.5
HONDURAS	.1	4.3	---	1.8	---	3.1	.1	5.5	.1	6.0
MEXICO 2/	---	14.1	---	2.2	---	23.1	---	35.6	---	29.3
NICARAGUA	---	4.8	---	8.3	---	2/5.8	---	7.2	---	6.3
TRINIDAD/TOBAGO	---	4.4	---	5.3	---	4.9	---	4.3	---	2/ 3.9
UNITED STATES 3/	1,003.0	2.6	1,038.5	.7	1,014.1	4.7	1,162.4	5.4	891.0	7.0
TOTAL	1,081.9	78.2	1,142.9	67.4	1,097.3	73.9	1,261.1	94.4	989.0	92.3
SOUTH AMERICA:										
ARGENTINA 3/	90.9	2.6	33.3	1.5	38.4	---	1.3	---	.5	---
BOLIVIA 2/	---	2.6	---	1.1	---	.1	---	.1	---	.5
BRAZIL	---	27.0	.1	40.1	---	53.0	---	77.1	---	60.0
CHILE	---	7.4	---	7.3	---	4.7	---	5.1	---	2/ 2.1
COLOMBIA	---	30.0	---	34.8	---	28.0	---	23.6	---	25.3
ECUADOR	---	17.3	---	7.6	---	3.3	---	2/ 11.4	---	2/ 18.2
GUYANA	---	.9	---	1.2	---	1.0	---	2/ 1.0	---	2/ 1.0
PERU	---	11.8	---	19.5	---	7.4	---	2/ 4.2	---	2/ 3.1
URUGUAY	4.5	---	.1	---	1.1	---	.1	---	---	---
VENEZUELA	---	8.5	---	12.2	---	9.4	---	2/ 15.4	---	2/ 13.4
TOTAL	95.4	108.2	33.5	125.4	39.5	107.0	1.4	137.9	.5	123.5
EUROPE:										
WESTERN:										
EC:										
BELGIUM-LUXEMBOURG 3/	9.1	59.6	14.6	74.2	15.1	66.7	18.7	63.7	32.8	61.0
DENMARK 3/	8.0	2.1	5.0	1.9	5.6	5.6	8.0	8.5	8.3	8.7
FRANCE 3/	13.8	45.4	24.5	61.5	14.1	57.9	31.0	59.1	52.0	46.2
GERMANY, WEST 3/	43.8	67.8	32.6	73.5	30.9	95.3	41.3	81.1	43.3	65.8
IRELAND	15.4	5.2	18.9	10.8	20.5	9.5	29.4	9.0	37.3	7.3
ITALY 3/	.4	62.7	.6	62.6	.8	47.7	1.7	57.2	1.5	57.6
NETHERLANDS 3/	11.0	138.7	6.6	98.2	5.1	47.7	6.7	68.0	6.3	40.9
UNITED KINGDOM	11.1	62.0	16.0	57.5	10.2	89.2	10.5	92.6	15.0	75.8
TOTAL EC	112.7	443.5	118.7	440.3	102.4	419.7	147.3	439.1	196.5	363.2
AUSTRIA	1.6	.3	1.7	.4	1.1	.7	4.2	.5	5.2	.7
FINLAND	.3	1.2	.1	.9	---	1.9	---	2.6	---	1.8
GREECE	---	2.6	---	2.3	---	2.6	---	.9	---	1.0
NORWAY	1.6	4.6	.1	5.8	.1	5.5	.1	7.1	.1	4.6
PORTUGAL	---	13.1	---	12.4	.3	10.6	.2	16.8	.2	11.5
SPAIN	---	71.9	---	99.3	---	65.2	.2	34.7	---	77.9
SWEDEN	6.1	.3	5.5	.2	5.1	---	5.6	---	5.6	---
SWITZERLAND	.3	3.2	.6	2.6	.2	2.5	.4	2.5	1.3	1.8
TOTAL WESTERN	122.7	540.7	126.8	564.1	109.1	508.7	157.9	504.3	208.9	462.4
EASTERN:										
HUNGARY	1.4	3.2	.5	5.3	---	2.2	---	5.0	---	5.0
POLAND	---	27.3	---	9.7	---	4.6	---	6.5	---	6.0
YUGOSLAVIA	2.6	10.2	.5	1.4	1.7	1.4	3.1	6.5	3.0	4.8
TOTAL EASTERN	4.0	40.7	.9	16.5	1.7	8.1	3.1	17.9	3.0	15.8
TOTAL EUROPE	126.7	581.4	127.8	580.6	110.8	516.8	161.0	522.3	211.9	478.2
U.S.S.R	10.0	7.4	12.9	10.4	9.2	14.8	12.1	13.0	12.3	55.0

AFRICA:											
ALGERIA 2/	---	41.3	---	24.4	---	19.0	---	23.6	---	25.0
CAMEROON 2/	---	1.7	---	4.5	---	4.0	---	3.9	---	2.1
EGYPT	---	56.5	---	48.1	---	52.5	---	111.9	---	102.0
GHANA	---	19.8	---	16.9	---	5.5	---	5.7	---	13.4
KENYA	---	7.4	---	7.8	---	8.5	---	11.5	---	19.9
MALAGASY REP	---	1.7	---	4.5	---	3.1	---	3.0	---	2/3.7
MAURITIUS	---	2.3	---	3.0	---	1.3	---	2/2.2	---	2/2.1
MOROCCO	---	14.2	---	15.9	---	12.2	---	13.8	---	12.5
MOZAMBIQUE	---	1.1	---	.2	---	.2	---	2/2.1	---	2/2.1
NIGERIA	---	.2	---	.7	---	.8	---	7.0	---	2/20.8
RHODESIA,S.,MALAWI,ZAMBIA 2/	---	4.4	---	4.4	---	2.8	---	6.9	---	2.0
SENEGAL	---	5.4	---	10.2	---	4.1	---	4.1	---	2/8.8
SOUTH AFRICA,REP.OF	1.0	33.8	.9	32.0	.5	39.1	---	44.2	---	29.8
SUDAN	---	2.5	---	2.6	---	---	---	1.3	---	2/.7
TANZANIA	---	3.8	---	8.9	---	5.4	---	3.3	---	7.0
UGANDA	---	2.3	---	1.6	---	.4	---	.7	---	.6
TOTAL	1.1	198.5	.9	185.8	.5	158.8		245.0		252.4
ASIA:										
BANGLADESH 2/	---	---	---	16.0	---	10.8	---	9.6	---	15.5
BURMA 2/	---	11.1	---	13.4	---	7.3	---	.8	---	7.1
CHINA,MAINLAND 2/	---	6.4	---	37.9	---	25.7	---	42.0	---	25.0
CHINA,REP.OF (TAIWAN)	---	24.0	---	33.0	---	23.6	---	38.4	---	66.4
INDIA 4/	---	99.1	2.7	60.8	---	32.2	---	48.0	---	20.0
IRAN 5/	---	14.0	---	17.9	.4	16.9	---	24.1	---	22.3
JAPAN	.4	249.4	.6	255.2	.9	293.1	2.7	192.6	.2	184.7
KOREA,REP.OF	---	42.8	---	74.1	---	83.8	---	95.5	---	105.3
LEBANON	---	3.6	.1	10.3	---	7.3	.1	2/5.1	.1	2/8.3
MALAYSIA,WEST	.1	7.9	2.0	9.6	.7	11.1	.5	2/6.9	---	2/7.7
PAKISTAN 2/	---	39.4	---	37.6	---	26.0	---	25.9	---	51.0
PHILIPPINES	---	9.8	---	11.5	---	11.2	---	11.7	---	8.4
SINGAPORE	1.7	5.0	3.0	9.8	1.9	5.4	1.8	5.2	.5	6.1
SRI LANKA (CEYLON) 2/	---	4.2	---	1.9	---	.8	---	.1	---	3.3
THAILAND	---	3.9	---	5.0	.1	6.2	---	8.1	---	2/2.0
TURKEY	---	12.9	---	25.9	---	---	---	2.6	---	2/10.6
TOTAL	2.3	533.4	8.4	621.0	4.1	561.4	5.1	516.6	.8	543.5
OCEANIA:										
AUSTRALIA 6/	126.5	1.3	216.7	.1	197.3	---	144.5	.1	156.1	---
FIJI ISLANDS	---	1.9	---	2.4	---	1.8	---	2/2.2	---	2/2.5
NEW ZEALAND 6/	70.4	---	71.9	---	77.4	---	58.9	---	66.6	---
PAPUA/NEW GUINEA	---	1.0	---	1.4	---	.8	---	2/ .7	---	2/3.5
TOTAL	196.9	4.2	288.6	4.0	274.7	2.6	203.4	3.0	222.7	6.0
TOTAL SELECTED COUNTRIES	1,514.3	1,511.3	1,614.9	1,594.5	1,536.0	1,435.4	1,644.1	1,532.2	1,437.0	1,550.9

NOTE: A DASH DENOTES NO TRADE OR TRADE LESS THAN 50 TONS.

1/ PRELIMINARY.
2/ FROM PRINCIPAL EXPORTING COUNTRIES.
3/ INCLUDES EDIBLE AND INEDIBLE TALLOW AND GREASES.
4/ YEAR BEGINNING APRIL 1 OF THE YEAR STATED.
5/ YEAR BEGINNING MARCH 21 OF THE YEAR STATED.
6/ YEAR ENDING JUNE 30 OF THE YEAR STATED.

FOREIGN AGRICULTURAL SERVICE. PREPARED OR ESTIMATED ON THE BASIS OF OFFICIAL STATISTICS OF FOREIGN GOVERNMENTS, OTHER FOREIGN SOURCE MATERIALS, REPORTS OF THE UNITED STATES AGRICULTURAL ATTACHES AND FOREIGN SERVICE OFFICERS, RESULTS OF OFFICE RESEARCH AND RELATED INFORMATION.

TABLE 5--TALLOW AND GREASES: 1/ U.S. EXPORTS BY COUNTRY OF DESTINATION
ANNUAL 1972-75
(Thousand Metric Tons)

Continent and country	1972	1973	1974	1975 2/
North America:				
Canada	3.9	2.5	5.8	1.8
Dominican Republic	8.7	10.8	9.1	10.3
El Salvador	10.8	4.0	8.8	12.1
Guatemala	9.5	7.0	6.7	8.1
Haiti	8.8	7.0	8.7	7.5
Honduras	4.2	3.0	6.2	4.5
Jamaica	5.8	6.9	6.8	7.0
Mexico	2.2	23.1	35.6	29.3
Nicaragua	7.4	5.8	7.1	6.2
Other countries	5.2	5.3	5.2	7.1
Total	66.5	75.4	100.0	93.9
South America:				
Brazil	20.8	24.9	62.2	41.2
Chile	---	.5	5.0	2.1
Colombia	31.3	23.7	27.8	30.2
Ecuador	7.7	1.5	11.4	18.2
Peru	22.0	4.5	4.2	3.1
Venezuela	12.4	8.4	15.4	13.4
Other countries	4.4	.5	1.4	1.4
Total	98.6	64.0	127.4	109.6
Europe:				
EC:				
Belgium-Luxembourg	44.5	31.5	14.0	14.4
France	3.8	16.2	16.6	3.2
Germany, West	17.8	39.7	31.3	17.8
Ireland	1.3	1.3	---	---
Italy	43.7	35.9	46.4	28.5
Netherlands	65.1	112.9	84.6	32.3
United Kingdom	20.5	28.0	48.1	23.0
Total EC	196.7	265.5	241.0	119.2
Greece	3.6	3.9	2.0	.7
Norway	3.8	4.8	4.0	2.8
Poland	9.0	1.4	6.0	6.4
Portugal	11.4	9.4	13.7	9.2
Spain	81.6	55.8	37.7	38.5
Switzerland	5.7	2.5	7.9	3.5
Yugoslavia	---	6.5	4.8	---
Other countries	.2	1.9	---	---
Total	312.0	351.7	317.1	180.3

(Continued)

TABLE 5--TALLOW AND GREASES: 1/ U.S. EXPORTS BY COUNTRY OF DESTINATION ANNUAL 1972-75--CONTINUED

(Thousand Metric Tons)

Continent and country	1972	1973	1974	1975 2/
USSR	---	---	---	40.0
Africa:				
Algeria	24.4	19.0	23.6	25.0
Morocco	14.6	12.3	12.2	7.7
Egypt	64.5	64.6	96.4	105.2
Ghana	18.0	3.1	3.8	12.0
Kenya	.9	6.1	6.3	1.2
Malagasy, Republic of	3.3	2.2	3.0	3.7
Nigeria	4.8	2.2	6.8	20.8
Senegal	6.8	1.5	3.4	4.6
South Africa, Republic of	11.7	14.9	26.7	3.7
Other countries	5.2	4.6	6.6	3.7
Total	154.2	130.5	188.8	187.6
Asia:				
Bangladesh	16.0	10.8	9.6	15.5
China, People's Republic of	---	3.1	18.1	---
China, Republic of (Taiwan)	19.1	15.0	14.0	19.2
India	39.4	16.8	48.8	---
Iran	20.4	20.7	30.7	15.0
Iraq	1.6	2.2	5.8	5.0
Japan	158.9	197.4	161.0	73.4
Korea, Republic of	79.1	86.2	94.3	75.6
Lebanon	7.0	5.2	5.1	8.3
Pakistan	37.6	26.0	25.9	51.0
Philippines	3.7	5.3	6.3	5.0
Turkey	21.9	---	4.6	10.6
Other countries	2.5	3.7	4.0	1.1
Total	407.2	392.4	428.2	279.7
Oceania	3/	.1	.9	3/
Total world	1,038.5	1,014.1	1,162.4	891.0

1/ Includes edible and inedible tallow and choice white grease. 2/ Preliminary.
3/ Less than 50 tons.

TABLE 6--TALLOW AND GREASES: EXPORTS FROM SPECIFIED COUNTRIES BY COUNTRY OF DESTINATION--ANNUAL 1972-75

(Thousand Metric Tons)

Exporting country and country of destination	1972	1973	1974	1975 1/
Australia: 2/				
Netherlands	4.9	10.6	12.4	27.1
South Africa, Republic of	26.7	22.1	25.2	25.5
China, People's Republic	35.0	16.5	19.0	19.3
Japan	72.9	57.7	46.1	17.2
Kenya, Uganda, Tanzania	5.1	3.3	2.1	15.0
Malaysia	4.8	6.0	5.2	7.7
Burma	12.4	6.5	.8	7.1
Singapore	7.2	5.8	2.8	5.5
China, Republic of	15.6	7.2	5.4	4.4
France	3.5	3.4	3.2	3.6
Papua New Guinea	1.4	.8	.7	3.5
Philippines	4.1	4.1	5.0	2.0
Thailand	2.6	2.7	1.5	2.0
Germany, West	3.7	5.1	2.5	1.3
Bangladesh	---	1.1	.1	1.1
United Kingdom	.7	2.3	1.5	.8
Guyana	.8	.5	.5	.4
Malawi, Rhodesia, Zambia	3.7	1.8	3.0	.1
India	.6	35.8	1.5	.1
Italy	.2	1.2	.3	---
Other countries	10.8	2.8	5.7	12.4
Total	216.7	197.3	144.5	156.1
Canada:				
Netherlands	23.9	6.7	24.2	16.7
Korea, Republic of	---	1.0	5.3	15.7
Cuba	1.0	4.6	13.6	13.6
United States	10.6	14.3	9.6	10.6
Japan	22.7	19.2	15.4	10.4
Spain	3.4	1.5	1.6	9.7
China, People's Republic	21.4	9.9	11.1	5.6
United Kingdom	15.9	19.2	13.1	5.4
USSR	---	---	---	3.8
Belgium-Luxembourg	2.4	1.2	.6	1.0
Other countries	2.8	4.3	4.2	5.4
Total	104.1	81.9	98.7	97.9

(Continued)

TABLE 6--TALLOW AND GREASES: EXPORTS FROM SPECIFIED COUNTRIES BY COUNTRY OF DESTINATION, ANNUAL 1972-75--CONTINUED
(Thousand Metric Tons)

Exporting country and country of destination	1972	1973	1974	1975 1/
New Zealand: 2/				
Japan	8.7	16.9	14.2	
France	9.2	11.8	7.8	
United Kingdom	13.2	10.2	7.2	
Netherlands	6.1	4.7	7.2	
China, People's Republic	2.9	6.2	4.9	
China, Republic of (Taiwan)	2.8	2.2	3.4	
Thailand	2.3	1.6	2.1	
Malaysia	.5	2.1	1.8	
Fiji	1.1	1.4	1.7	
Mozambique	3.4	4.4	1.5	
South Africa, Republic of	3.2	3.3	1.0	
Mauritius	1.4	1.1	.5	
Kenya, Uganda, Tanzania	4.9	1.9	.4	
Philippines	2.0	2.2	.1	
Singapore	1.9	1.7	---	
Other countries	8.3	5.7	5.1	
Total	71.9	77.4	58.9	4/ 66.6
Germany West: 3/				
Netherlands	13.1	12.6	18.8	18.1
France	7.8	6.8	5.7	6.8
Denmark	1.1	.6	1.6	3.7
Belgium-Luxembourg	3.1	3.6	3.8	3.5
United Kingdom	3.0	3.1	3.2	3.0
Switzerland	2.4	2.5	2.3	1.6
Tanzania	.8	.6	1.1	1.1
Other countries	1.3	1.1	4.8	5.5
Total	32.6	30.9	41.3	43.3
Belgium-Luxembourg: 3/				
Netherlands	6.4	7.1	9.1	10.3
France	6.8	6.4	5.8	10.2
Germany, West	.3	1.1	1.4	1.9
Other countries	1.1	.5	2.4	10.4
Total	14.6	15.1	18.7	32.8
Ireland:				
United Kingdom	15.0	18.7	29.1	35.9
Other countries	3.9	1.8	.3	1.4
Total	18.9	20.5	29.4	37.3

(Continued)

TABLE 6--TALLOW AND GREASES: EXPORTS FROM SPECIFIED COUNTRIES BY COUNTRY OF DESTINATION, ANNUAL 1972-75--CONTINUED
(Thousand Metric Tons)

Exporting country and country of destination	1972	1973	1974	1975 1/
France: 3/				
Belgium-Luxembourg	5.8	3.7	11.3	16.2
Spain	8.1	2.5	2.7	12.9
Egypt	1.4	---	4.7	6.0
Senegal	1.6	2.9	3.9	3.5
Cameroon	.7	1.0	1.2	1.2
Other countries	6.9	4.0	7.2	12.2
Total	24.5	14.1	31.0	52.0
Argentina: 3/				
Brazil	23.3	22.8	1.3	.5
Colombia	1.6	4.6	---	---
Chile	4.3	3.4	---	---
Italy	---	2.6	---	---
Netherlands	.9	1.8	---	---
Japan	---	1.6	---	---
Spain	---	1.2	---	---
Bolivia	1.1	.2	---	---
Other countries	2.1	.2	---	---
Total	33.3	38.4	1.3	.5

1/ Preliminary. 2/ Year ending June 30. 3/ Includes tallow and grease.
4/ Country of destination unavailable.

TABLE 7--TALLOW AND GREASES: IMPORTS INTO SPECIFIED COUNTRIES BY COUNTRY OF ORIGIN--ANNUAL 1972-75
(Thousand Metric Tons)

Importing country and country of origin	1972	1973	1974	1975 1/
Japan:				
Australia	68.3	55.5	18.6	87.2
United States	155.3	195.3	150.5	71.2
New Zealand	8.6	16.5	9.5	14.7
Canada	22.7	24.0	13.8	11.6
Other countries	.3	1.8	.2	---
Total	255.2	293.1	192.6	184.7

(Continued)

TABLE 7--TALLOW AND GREASES: IMPORTS INTO SPECIFIED COUNTRIES BY COUNTRY OF ORIGIN, ANNUAL 1972-75--CONTINUED

(Thousand Metric Tons)

Importing country and country of origin	1972	1973	1974	1975 1/
Netherlands: 2/				
Germany, West	19.8	17.5	25.2	19.7
United States	42.8	11.5	11.9	8.0
Hungary	9.3	.9	8.5	2.4
Other countries	26.3	17.8	22.4	10.8
Total	98.2	47.7	68.0	40.9
United Kingdom:				
Ireland	16.5	16.1	30.7	35.2
United States	6.7	14.4	31.2	15.1
Canada	14.9	20.9	12.2	7.4
New Zealand	11.6	14.7	5.4	4.3
Germany, West	3.9	3.4	5.0	3.1
Other countries	3.9	19.7	8.1	10.7
Total	57.5	89.2	92.6	75.8
Egypt:				
United States	31.9	40.9	93.6	
USSR	15.2	9.3	11.2	
Germany, West	.7	.6	3.5	
Other countries	.3	1.7	3.6	
Total	48.1	52.5	111.9	4/ 102.0
Brazil:				
United States	16.1	21.2	67.3	
Paraguay	.5	7.4	7.1	
Argentina	23.3	23.7	2.5	
Other countries	2.0	.7	2.0	
Total	40.1	53.0	77.1	4/ 60.0
France: 2/				
Australia	2.4	4.7	3.8	11.3
Belgium-Luxembourg	6.7	6.8	5.7	9.6
Germany, West	8.1	7.5	7.7	8.5
New Zealand	11.0	9.7	8.6	8.2
United States	13.8	15.5	23.5	6.0
Canada	2.7	4.9	4.7	2.3
Other countries	16.8	8.8	5.1	.3
Total	61.5	57.9	59.1	46.2

(Continued)

TABLE 7--TALLOW AND GREASES: IMPORTS INTO SPECIFIED COUNTRIES BY COUNTRY OF ORIGIN, ANNUAL 1972-75--CONTINUED
(Thousand Metric Tons)

Importing country and country of origin	1972	1973	1974	1975 1/
Germany, West: 2/				
United States	38.1	61.4	52.7	31.0
Australia	8.2	12.1	5.6	12.1
Canada	6.3	1.4	6.7	5.3
New Zealand	3.5	2.0	2.2	3.0
Netherlands	1.9	3.4	3.1	3.0
Denmark	3.4	3.5	4.6	2.7
Switzerland	3.1	2.8	.7	2.3
Other countries	9.0	8.7	5.5	6.4
Total	73.5	95.3	81.1	65.8
China, Republic of (Taiwan):				
United States	19.8	15.1	19.4	32.1
Australia	10.9	5.0	7.7	13.3
New Zealand	1.2	2.2	3.8	9.1
Japan	---	---	2.7	6.3
Other countries	1.1	1.3	4.8	5.6
Total	33.0	23.6	38.4	66.4
Korea, Republic of:				
United States	74.0	82.9	91.7	84.8
Canada	---	3/	2.3	14.1
Australia	3/	---	3/	5.8
Other countries	.1	.9	1.5	.6
Total	74.1	83.8	95.5	105.3
Belgium-Luxembourg: 2/				
France	7.8	8.8	12.3	19.8
United States	29.5	32.8	17.7	11.7
Australia	---	2.1	2.1	8.1
Netherlands	13.1	5.4	8.6	5.8
Hungary	6.5	2.4	4.4	2.9
Germany, West	2.7	1.8	2.7	2.6
Canada	3.7	2.0	3.7	2.4
United Kingdom	5.8	2.4	2.2	1.5
New Zealand	1.0	1.6	2.7	1.4
Czechoslovakia	.3	1.2	.1	1.4
USSR	2.8	1.0	---	1.1
Bulgaria	3/	1.7	.4	.5
Yugoslavia	.1	2.1	.3	.2
Other countries	.9	1.4	6.5	1.6
Total	74.2	66.7	63.7	61.0

(Continued)

TABLE 7--TALLOW AND GREASES: IMPORTS INTO SPECIFIED COUNTRIES BY COUNTRY OF ORIGIN, ANNUAL 1972-75--CONTINUED

(Thousand Metric Tons)

Importing country and country of origin	1972	1973	1974	1975 1/
Italy: 2/				
United States	47.2	33.9	51.6	41.7
Hungary	11.2	1.5	.5	2.2
Bulgaria	3/	4.1	---	.7
Romania	.1	3.3	.7	---
Other countries	4.1	4.9	4.4	1.3
Total	62.6	47.7	57.2	57.6
Spain:				
United States	85.8	59.0	30.8	50.6
France	8.4	2.6	2.7	14.2
Canada	3.3	1.5	1.1	10.5
New Zealand	1.4	.7	---	.9
Other countries	.4	1.4	.1	1.7
Total	99.3	65.2	34.7	77.9

1/ Preliminary. 2/ Includes tallow and hog grease. 3/ Less than 50 tons.
4/ Country of origin unavailable.

UNITED STATES DEPARTMENT OF AGRICULTURE
WASHINGTON, D. C. 20250

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, $300

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF
AGRICULTURE

U.S.MAIL

If you no longer need this publication, check here ___ and return this sheet and/or envelope in which it was mailed and your name will be dropped from mailing list.

If your address should be changed ___ PRINT OR TYPE the new address, including ZIP CODE and return the whole sheet and/or envelope to:

FOREIGN AGRICULTURAL SERVICE, Room 5918 So.
U. S. Department of Agriculture
Washington, D. C. 20250

AGR 101
FIRST CLASS

7402 UNALCS A422 10026 0001
USDA NAT AGRIC LIBRARY CURRE-
NT SERIAL RECORD AL
BELTSVILLE MD 20012

TABLE 8.--TALLOW AND GREASE: EC TRADE BY COUNTRY OF ORIGIN AND DESTINATION, ANNUAL 1972-75 1/
(In thousands of metric tons)

Country	1972	1973	1974	1975 2/
Imports:				
Country of origin:				
United States	181.2	172.9	190.2	114.5
Australia	11.3	22.5	11.5	32.9
New Zealand	28.3	28.5	19.3	17.0
Canada	38.3	29.1	28.6	16.7
Hungary	28.5	4.9	14.5	7.8
Austria	1.6	1.2	5.5	4.7
Switzerland	4.2	4.8	2.9	3.7
Czechoslovakia	6.1	7.4	2.6	3.7
USSR	15.8	4.0	2.6	2.9
German Democratic Republic	2.2	2.3	3.7	1.9
Bulgaria	.1	7.0	.5	1.4
Others	10.2	31.3	23.8	20.5
Total	327.8	315.9	305.7	227.7
Exports:				
Country of destination:				
Spain	8.2	2.5	2.8	13.1
Egypt	1.7	.2	6.0	8.9
Turkey	---	---	.9	5.0
Tanzania	1.4	1.1	1.9	4.7
Senegal	1.8	2.9	3.9	3.5
Morocco	.2	3/	3/	2.3
Switzerland	2.5	2.6	2.5	1.7
Cameroon	.7	1.0	1.2	1.2
Malagasy Republic	.9	.4	1.7	1.2
Albania	---	.4	1.0	1.0
Others	8.7	5.4	12.7	14.6
Total	26.1	16.5	34.6	57.2

1/ Excludes intra-trade among nine-member countries. 2/ Preliminary. 3/ Less than 50 tons.